SUPPLEMENT
TO THE
BRITISH MEDICAL JOURNAL

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British Medical Association

COUNCIL AND COMMITTEES FOR 1932-3

COUNCIL

EX-OFFICIO

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Dr. T. Fraser, Aberdeen.
Dr. J. Henderson, Glasgow.
Dr. J. Livingstone Loudon, Hamilton.

Ireland

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Dr. F. J. Gomez, South Petherton (*West Indian Branches*).
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Dr. R. G. Gordon, Bath.
Dr. Arnold Lyndon, Grayshott.
Mr. E. W. G. Masterman, London.
Dr. J. C. Matthews, Liverpool.
Dr. Christine Murrell, London.
Dr. H. W. Pooler, Stonebroom.
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Scotland

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Dr. J. B. Miller, Bishopbriggs.

Ireland

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Sir Robert Bolam, Newcastle-on-Tyne.
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Dr. C. E. Douglas, St. Andrews.
Mr. W. McAdam Eccles, London.
Dr. C. O. Hawthorne, London.
Dr. R. Langdon-Down, Teddington.
Sir Ewen Maclean, Cardiff.

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Dr. H. J. Milligan, Reading.
Dr. R. M. F. Picken, Cardiff.

SERVICE REPRESENTATIVES

Major-General R. S. Hannay, Bexhill-on-Sea (*Army Medical Services*).
Sir Richard Needham, London (*Indian Medical Service*).
Surg. Rear-Admiral A. R. Thomas, Bognor Regis (*Royal Naval Medical Service*).
Dr. H. M. Stanley Turner, Abingdon (*Royal Air Force Medical Service*).

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Note.—The President, the Chairman of the Representative Body, the Chairman of Council, and the Treasurer are members *ex officio* of all Committees except those marked with an asterisk.

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The Chairmen of the following Committees: Organization, Journal, Science, Medico-Political, Central Ethical, and Insurance Acts.
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Professor A. H. Burgess, Manchester.
Professor J. D. Comrie, Edinburgh.
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Dr. J. W. Bone, Luton.
Dr. H. Guy Dain, Birmingham.
Dr. P. Macdonald, York.
Dr. G. W. Miller, Dundee.

With twenty-six direct representatives of Local Medical and Panel Committees in Great Britain and Northern Ireland, one representative of the Hospitals Committee, one representative of the Medical Women's Federation, one representative of the Society of Medical Officers of Health, and one representative of the Association of Local Government Medical Officers.

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Members of Council who represent Irish Branches:

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Sir Robert Bolam, Newcastle-upon-Tyne.
Dr. J. D. Comrie, Edinburgh.
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Dr. R. G. Gordon, Bath.
Dr. Helen Lukis, New Malden.
Dr. W. E. A. Worley, London.

Chairman of the Central Ethical Committee.
One member to be appointed by the Organization Committee.

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Dr. H. W. Pooler, Stonebroom.
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Dr. G. W. Miller, Dundee.
Sir Richard Needham, London.
Lieut.-Colonel F. O'Kinealy, London.
Surg. Rear-Admiral A. R. Thomas, Bognor Regis.
Wing Commander H. M. Stanley Turner, Abingdon.

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Dr. H. Campbell Orr, Wolverhampton.
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Mr. P. D. Warburton, Exeter.
One member to be nominated by the Insurance Acts Committee.
One member to be nominated by the Scottish Committee.
Two members to be appointed by the Council of British Ophthalmologists.
Honorary Secretary of the North of England Ophthalmological Society.

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Dr. Helen Lukis, New Malden.
Dr. Arnold Lyndon, Grayshott.
Dr. S. Morton Mackenzie, Dorking.
Dr. J. Middleton Martin, Cheltenham.
Dr. J. C. Matthews, Liverpool.
Dr. F. A. Roper, Exeter.
Dr. W. E. A. Worley, London.

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Dr. C. E. Douglas, St. Andrews.
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Sir Thomas Flitcroft, Bolton.
Dr. S. Morton Mackenzie, Dorking.
Dr. W. E. Thomas, Ystrad-Rhondda.
One representative to be nominated by the Medical Women's Federation.
With power to co-opt.

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Dr. C. B. Heald, London.
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Sir Robert Stanton Woods, London.

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Dr. E. H. Snell, Coventry.
Dr. G. Clark Trotter, London.
Dr. W. G. Willoughby, Eastbourne.
Dr. H. J. Milligan, Reading. } *Two members of Council elected by the Public Health Service members.*
Dr. R. M. F. Picken, Cardiff. }
Two members to be nominated by the Society of Medical Officers of Health.
One member to be appointed by the Medico-Political Committee.

PUBLIC ASSISTANCE MEDICAL SERVICES COMMITTEE

One member each to be elected by Public Health, Insurance Acts, Medico-Political, Hospitals, Scottish, and Welsh Committees.

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Dr. F. J. Baildon, Southport.
Dr. R. G. Gordon, Bath.
Professor A. H. Burgess, Manchester.
Dr. S. Monckton Copeman, London.
Professor F. R. Fraser, London.
Dr. C. O. Hawthorne, London.
Sir Humphry Rolleston, Cambridge.
Mr. H. S. Souttar, London.
Mr. R. J. Willan, Newcastle-upon-Tyne.

SCOTTISH COMMITTEE

Members of Council who represent Scottish Branches:
Dr. J. D. Comrie, Edinburgh.
Dr. Thomas Fraser, Aberdeen.
Dr. J. Henderson, Glasgow.
Dr. J. Livingstone Loudon, Hamilton.
Dr. G. W. Miller, Dundee.
Dr. J. B. Miller, Bishopbriggs.

Members Elected by Divisions:
Dr. G. A. Allan, Glasgow.
Dr. Alex. Asher, Caithness.
Mr. J. M. Bowie, Edinburgh.
Dr. R. C. Buist, Dundee.
Dr. D. M. Cameron, Glasgow.
Dr. James Cook, Dennistoun.
Dr. E. Hamilton Cramb, Clydebank.
Dr. D. Elliot Dickson, Fife.
Dr. N. P. Fairfax, Innerleithen.
Dr. W. Douglas Frew, Kilmarnock.
Dr. John Hume, Perth.
Dr. E. Hutcheon, Dumfries.
Dr. T. D. Laird, Cambuslang.
Dr. Duncan MacFadyen, Inverness.
Dr. W. R. Martine, Haddington.
Dr. Charles Melville, Grangemouth.
Dr. Alexander Robertson, Elgin.
Dr. J. E. Skinner, Skene.
Dr. A. E. Struthers, Paisley.
Dr. E. R. C. Walker, Aberdeen.
Dr. James Young, Edinburgh.

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Dr. J. B. Burt, Buxton.
Dr. F. Clayton, Leamington Spa.
Dr. G. Holmes, Harrogate.
Dr. G. L. K. Pringle, Harrogate.
Dr. F. G. Thomson, Bath.

WELSH COMMITTEE.

Members of Council who represent Welsh Branches:
Dr. E. E. Brierley, Cardiff.
Dr. J. R. Prytherch, Llangefni.
Dr. W. E. Thomas, Ystrad-Rhondda.

Secretaries of Welsh Branches:
Dr. D. E. J. Burke, Newport.
Dr. E. Lewys-Lloyd, Towyn.
The Chairman and Secretaries of the Welsh Standing Contract Practice Subcommittee.
One member to be appointed by each Division situated wholly in Wales, including Monmouthshire.
With power to co-opt not more than two.

Association Notices

PRIZES FOR CLINICAL PAPERS BY STUDENTS AND NEWLY QUALIFIED PRACTITIONERS

The Council of the British Medical Association has decided to offer prizes for short clinical papers by fourth and subsequent year medical students and newly qualified practitioners, under the heading "Describe three cases of medical interest which have been under your care and, for each case, discuss differential diagnosis, aetiology, methods of prevention (where available), treatment, and prognosis." For this purpose the medical schools of the British Empire have been grouped by the Council as follows:

Group 1.—University of Aberdeen; University of St. Andrews.

Group 2.—Queen's University of Belfast; University of Dublin (Trinity College); National University of Ireland (University College, Cork; University College, Dublin; University College, Galway); Royal College of Surgeons in Ireland (Schools of Surgery).

Group 3.—University of Birmingham; University of Bristol; University of Wales.

Group 4.—University of Durham; University of Leeds; University of Sheffield.

Group 5.—University of Edinburgh; School of Medicine of the Royal Colleges, Edinburgh.

Group 6.—University of Glasgow; Anderson College of Medicine; Queen Margaret College (School of Medicine for Women); St. Mungo's College.

Group 7.—University of Liverpool, Victoria University of Manchester.

Group 8.—London: Charing Cross Hospital Medical School; King's College Hospital Medical School.

Group 9.—London: Guy's Hospital Medical School; London Hospital Medical College.

Group 10.—London: London (Royal Free Hospital) School of Medicine for Women; University College Hospital Medical School.

Group 11.—London: Middlesex Hospital Medical School; St. Mary's Hospital Medical School.

Group 12.—London: St. Bartholomew's Hospital Medical College; St. George's Hospital Medical School.

Group 13.—London: St. Thomas's Hospital Medical School; Westminster Hospital Medical School.

Group 14.—The medical schools of the Empire other than those of the British Isles.

For each group a prize consisting of a certificate signed by the President of the Association, together with a cheque for £10, will be available. Each clinical paper, which must not exceed 3,500 words (equivalent to about 2½ pages of the *British Medical Journal*), will be adjudicated upon by examiners appointed by the Council from among members of the Association not resident in the area of the group in question. If in the case of any group no clinical paper received is considered by the examiners to be deserving of a prize, no prize will be awarded in that group. Each paper must be plainly written or typed on foolscap (one side only), and reach the Medical Secretary, British Medical Association House, Tavistock Square, London, W.C.1, not later than April 15th, 1933. Each paper must be signed by a pseudonym only, and be accompanied by a signed statement that it has been the *bona fide* work of the competitor, and in what capacity he or she comes within the definition (as above) of those eligible to compete, together with particulars of his or her full name, pseudonym, address, medical school, and (if on *Medical Register*) month and year in which the examination qualifying for registration was passed.

SIR CHARLES HASTINGS CLINICAL PRIZE

The Sir Charles Hastings Clinical Prize, which consists of a certificate and a money award of fifty guineas, is again open for competition in respect of 1933. The following are the regulations governing the award:

1. The prize is established by the Council of the British Medical Association for the promotion of systematic observation, research, and record in general practice; it includes a money award of the value of fifty guineas.

2. Any member of the Association who is engaged in general practice is eligible to compete for the prize.

3. The work submitted must include personal observations and experiences collected by the candidate in general practice, and a high order of excellence will be required. If no essay entered is of sufficient merit no award will be made.

4. Essays, or whatever form the candidate desires his work to take, must be sent to the British Medical Association House, Tavistock Square, London, W.C.1, not later than December 31st, 1932, and the prize will be awarded at the Annual General Meeting of the Association to be held in July, 1933.

5. No study or essay that has been published in the medical press or elsewhere will be considered eligible for the prize, and a contribution offered in one year cannot be accepted in any subsequent year unless it includes evidence of further work.

6. If any question arises in reference to the eligibility of the candidate, or the admissibility of his or her essay, the decision of the Council on any such point shall be final.

7. Each essay must be typewritten or printed, must be distinguished by a motto, and must be accompanied by a sealed envelope marked with the same motto, and enclosing the candidate's name and address.

8. The writer of the essay to whom the prize is awarded may, on the initiative of the Science Committee, be requested to prepare a paper on the subject for publication in the *British Medical Journal*, or for presentation to the appropriate Section of the Annual Meeting of the Association.

9. Inquiries relative to the prize should be addressed to the Medical Secretary.

MIDDLEMORE PRIZE, 1933

The Middlemore Prize consists of a cheque for £50 and an illuminated certificate, and was founded in 1880 by the late Richard Middlemore, F.R.C.S., of Birmingham, to be awarded for the best essay or work on any subject which the Council of the British Medical Association may from time to time select in any department of ophthalmic medicine or surgery. The Council of the British Medical Association is prepared to consider an award of the prize in the year 1933 to the author of the best essay on the following subject, "The treatment of glaucoma." Essays submitted in competition must reach the Medical Secretary, British Medical Association, B.M.A. House, Tavistock Square, W.C.1, on or before December 31st, 1932. Each essay must be signed with a motto and accompanied by a sealed envelope marked on the outside with the motto and containing the name and address of the author. In the event of no essay being of sufficient merit the prize will not be awarded in 1933.

Alfred Cox,
Medical Secretary.

BOOKS ADDED TO THE LIBRARY

The following books were received by the Library of the British Medical Association during July, 1932:

Adams, T.: Recent Advances in Town Planning. 1932.
Alexander, W., and Kroner, K.: Therapeutisches Taschenbuch der Nervenkrankheiten. Third edition. 1931.
Allison, M., and Ghormley, R. K.: Diagnosis in Joint Disease. 1931.
Benjamin, E.: Grundlagen und Entwicklungsgeschichte der Kindlichen Neurose. 1930.
Borradaile, L. A., and Potts, F. A.: The Invertebrata. 1932.
Coca, A. F., Walzer, M., and Thommen, A. A.: Asthma and Hay Fever. 1931.
Dally, J. F. H.: Blood Pressure. 1931.
De Almeida Prado, A.: Les Syndromes Cérébelleux Mixtes. 1931.
Desgrez, A., and Rathery, F.: Formulaire Bouchardat. Thirty-seventh edition. 1932.
Dickinson, R. L., and Beam, L.: A Thousand Marriages. 1932.
Fine, J.: Filterable Virus Diseases in Man. 1932.
Francis, A.: Francis Treatment of Asthma. 1932.
Fulton, J. F.: Bibliography of the Honourable Robert Boyle. 1932.
Hinton, J.: Life in Nature. 1932.
Hunter, R. H.: Aids to Surgical Anatomy. 1931.
Jelliffe, S. E.: Psychopathology of Forced Movements in Oculogyric Crises of Lethargic Encephalitis. 1932.
Kirkpatrick, E. A.: Sciences of Man in the Making. 1932.
Lawrence, E. M.: Investigation into the Relation between Intelligence and Inheritance. 1931.
Lièvre, J. A.: L'Ostéose Parathyroidienne et les Ostéopathies Chroniques. 1932.
Livingston, E. M.: Clinical Study of the Abdominal Cavity and Peritoneum. 1932.
Maclean, H.: Modern Methods in the Diagnosis and Treatment of Glycosuria and Diabetes. Fifth edition. 1932.
McLester, J. S.: Nutrition and Diet in Health and Disease. Second edition. 1931.
Maddox, J. K.: Introduction to "Avertin" Rectal Anaesthesia. 1931.
Mercer, W.: Orthopaedic Surgery. 1932.
Monsarrat, K. W.: Desire and Creation.
Mothercraft. Sixth edition. 1931.
Murray, D. S.: Man's Microbe Enemies. 1932.
Narayanras, U. B.: Materia Medica of Pharmaceutical Combinations. 1932.
Oriel, G. H.: Allergy. 1932.
Piette, E. C.: Pathology for Nurses, 1932.
Pillay, A. P.: Welfare Problems in Rural India. 1931.
Poe, J. G.: Modern General Anaesthesia. 1932.
Preparation for Marriage; A handbook prepared by the British Social Hygiene Council. 1932.
Rousset, J.: Les Dyskératinisations Épithéliomateuses. 1931.
Sabouraud, R.: Diagnostic et Traitement des Affections du Cuir Chevelu. 1932.
Schnek, F.: Technique of the Non-Padded Plaster Cast. 1932.
Seifert, E.: Lehrbuch der Chirurgie des Kopfes und Halses für Zähnarzte. Second edition. 1931.
Serono, C.: Manuale di Analisi Chimica. Second edition. 1932.
Sharp, E.: African Child. 1931.
Sneed, W. L.: Orthopedics in Childhood. 1931.
Sorrel, E., and Sorrel-Dejerine: Tuberculose Osseuse et Ostéo-articulaire. 1932.
Stephens, G. A.: Heart and Spleen in Health and Disease. 1932.
Therapie der Erkrankungen des Vegetativen Nervensystems. 1930.
Williams, E. H.: Insanity Plea. 1931.

ANNUAL EXHIBITION OF SURGICAL INSTRUMENTS AND APPLIANCES, DRUGS, FOODS, BOOKS, ETC.

[CONCLUDING NOTICE]

The following notes are in continuation of those published last week.

SURGICAL INSTRUMENTS

A comprehensive selection of instruments (including many original designs made at the suggestion of leading surgeons), all of British manufacture and fine workmanship, was shown by Down Brothers, Ltd. (21–23, St. Thomas's Street, S.E.1). The newest additions included an abdominal retractor for gynaecological surgery and a bone clamp for fractures with a special gripping mechanism—both of which have lately been described and illustrated in these columns. The exhibits ranged from sterilizing units and operation tables to scissors and hypodermic needles. An improved model of the Arnold operation table, mounted on an oil-pump base, and giving the Trendelenburg position, was the most prominent exhibit by Arnold and Sons (50–52, Wigmore Street, W.1). Another item was a combined set of illumination instruments for eye, ear, nose, and throat. A feature at the stand of the Holborn Surgical Instrument Co., Ltd. (26, Thavies Inn, E.C.1), was "armour plate" glass for table tops, and at intervals the exhibition resounded with clangs the shock of which would have shattered ordinary glass to fragments, but from which this appeared to be immune. An operation table, with foot mechanism for tilting, was also on view. John Weiss and Son, Ltd. (287, Oxford Street, W.1), in addition to their ophthalmic section (separately noticed), had a large range of forceps, clips, knives, clamps, bone instruments, retractors, and needle holders in every design to meet surgical necessity. New models of blood-pressure apparatus were also shown. The principal exhibit by Allen and Hanburys, Ltd. (48, Wigmore Street, W.1), was the St. Bartholomew's operation table, with divided trunk section and a new patent locking device for automatically fixing the table in any position. Attention was also drawn to a new illuminated retractor and suction tube combined. New models of laryngoscopes and bronchoscopes and other forms of viewing apparatus were exhibited by the Genito-Urinary Manufacturing Co., Ltd. (28A, Devonshire Street, W.1), together with a valuable range of instruments for urological surgery, including a new bladder retractor and a new irrigating cystoscope. In an operation table shown by Mayer and Phelps (59–61, New Cavendish Street, W.1) the outstanding features were rigidity in any plane, the method of obtaining the Trendelenburg position with perfect safety to the patient, and the improved lumbar bridge, which formed an integral part of the table. A head-rest designed for endoscopic work and for nasal operations in the sitting posture was another interesting exhibit. British Surgical Industries, Ltd. (14, Regent Street, S.W.1), had a special display of hypodermic needles and syringes, the barrels of the syringes being made of British glass and the needles drawn from high-grade Sheffield steel.

DIAGNOSTIC INSTRUMENTS AND LABORATORY EQUIPMENT

Sphygmomanometers of various descriptions were shown by Hawksley and Sons, Ltd. (83, Wigmore Street, W.1), also haemoglobinometers (after Haldane and others), stethoscopes, including a new binaural design, and microscopes and accessories for the laboratory. A set of psychological test apparatus, including reaction-time instruments, stop watches, and colour rotators, added to an interesting display. The tycos sphygmomanometer, in both portable and stand types, was again shown by Short and Mason, Ltd. (Walthamstow), with a variety of thermometers—clinical and for recording room temperature—and a sensitive recording barometer giving magnified readings of minute changes of atmospheric pressure. A new model of sphygmomanometer was also shown by Braun of Melsungen, whose agents in this country are Adair, Dutt and Co., Ltd. (Mortimer House, W.1). A large range of instruments for use in the laboratory, including analytical and physical balances, weights, centrifuges, an instrument for reading the colour index, another for determining the rate of solution or of disintegration of compressed tablets, apparatus for testing for arsenic, and proteinometers for cerebro-spinal fluid and urine, made up an exhibit of great interest to the laboratory worker at the stand of Baird and Tatlock, Ltd. (14–17, Cross Street, E.C.1). A new kind of water tap for the laboratory, eliminating the ridges and corners which make cleaning difficult, was also shown. Among the new devices in the exhibition, although not coming strictly within this section, was the new ampoule of the Glaxo Laboratories, which opens swiftly and easily without splintering, and has no dead space in which part of the solution may accumulate and become unavailable.

LIGATURES, DRESSINGS, PLASTERS

Attention was drawn by British Surgical Industries, Ltd. (14, Regent Street, S.W.1), to their range of sterile surgical catgut and other ligatures, the ligatures being supplied in various packings. The London Hospital Ligature Department, Ltd. (London Hospital, E.1), also had an exhibit of sterile ligatures and sutures, in which the fineness and safety of the catgut were exemplified. B. Braun (Melsungen), already mentioned, showed Kuhn's catgut, which is supplied sterile only in the interior of the threads, the final sterilization having to be made before use in the hospital or clinic. Wilson Rubber Co., Ltd. (Slough), had an interesting exhibit solely concerning gloves and seamless pure rubber aprons. John Bell and Croyden (50–52, Wigmore Street, W.) devoted one stand entirely to a display of sterilized dressings for accouchement and operative surgery, offering a compact hermetically sealed unit for each of about fifty major and minor operations. The Denver Chemical Manufacturing Co. (41, St. Ann's Road, E.3) concentrated on their well-known antiphlogistine poultice, which was also exhibited in special preparations with ichthyol, picric acid, and betanaphthol. A number of stands specialized in plasters and emergency dressings. Edward Taylor, Ltd. (Salford), had a first-aid dressing for emergency use consisting of medicated gauze pads on strips of antiseptic adhesive plaster, also an elastic adhesive bandage for the treatment of varicose ulcers, and a zinc oxide plaster. T. J Smith and Nephew, Ltd. (Hull), again showed their elastoplast for chronic ulcers of the leg, a preparation which has, among other merits, transparency through several layers to x rays. They also had semiplast, a half-spread elastoplast, and cellona, a gauze bandage impregnated with plaster by a new chemical process. Johnson and Johnson, Ltd. (Slough), gave prominence to the zo adhesive plaster on a cartridge spool, also to various medicated gauzes, waxed dressings, and gloss silk for the dental surgeon; while Fassett and Johnson, Ltd. (86, Clerkenwell Road, E.C.1), whose drug exhibit has been already noticed, showed Mead's rubber adhesive and Seabury's zinc oxide plaster.

OPHTHALMIC INSTRUMENTS

The exhibit which caught the eye at the stand of Theodore Hamblin, Ltd. (15, Wigmore Street, W.1), was once again the wonderful work of their ophthalmic drawing department, which included pictures of the fundus and external diseases. Many delicate instruments were also exhibited, including various forms of slit-lamps. First place was given to the new universal slit-lamp, which can be used on any table, and which, though self-contained and portable, has all the adjustments necessary for slit-lamp microscopy. Among a large assemblage of fine apparatus shown by Clement Clarke, Ltd. (16, Wigmore Street, W.1.), one of the most interesting was the synoptophore, as supplied to Moorfields, for training to remedy squint. The exhibit included a new training stereoscope and some novel test types. The elaborate lengths to which the science of sight-testing can now be carried were once more exemplified by C. W. Dixey and Son, Ltd. (19, Old Bond Street, W.1), who showed trial frames and test types in great variety. Crossed cylinders, cheiroscopes, prism vergers, rotating prisms, axis finders, and wing and arrow tests were demonstrated here. Another exhibit was a reading lamp for patients with early cataract. The United Kingdom Optical Company, Ltd. (Mill Hill), showed further improvements in ophthalmic lenses, using British glass. One feature was the variety of fused bifocal lenses, suggesting that there is hardly anything that can be done in a solid multifocal lens that cannot also be done in a fused one. A series of lenses made from some new glass permitting shallower curvature was

shown. Ophthalmoscopes were the principal instruments shown by C. Davis Keeler (47, Wigmore Street, W.1), and attention was drawn to a combined ophthalmoscope and auriscope, which gives an intense light free from annoying reflections. Retinoscopes, trial cases, apparatus for eye-muscle tests, focal illuminators, and operating lamps completed the exhibit. Rayner and Keeler, Ltd. (100, New Bond Street, W.1), placed in the forefront of a full and admirably arranged stand their projection scotometer, wherein a spot of light, variable in size and colour, can be projected upon a screen or wall, and moved to cover a 30° field around a projection fixed spot, thereby enabling very simple recording to be done. Two exhibits at this stand were recently the subject of illustrated articles in the *Journal*: one of these was the Tudor Thomas luminous retinoscope, incorporating many improvements, including the insertion of a glare shield ; and the other was the Foster-Schurr inspection and spit-lamp, a compact instrument, working from an ophthalmoscope handle, and giving an efficient slit, spot light, general and trans-illumination with solid glass cone. Down Brothers, Ltd., and John Weiss and Son, Ltd., whose main surgical exhibits have been noticed, had ophthalmic sections, the former consisting largely of ophthalmoscopes, and the latter (that of Weiss) of some interesting new instruments and appliances. Among them was a scleral marker—an accessory to the igni-puncture treatment of detached retina—an instrument recently described in the *Journal*.

Orthopaedic Appliances, Hospital Beds, Corsetry

Several of the firms showing surgical instruments also showed orthopaedic devices. The Medical Supply Association, Ltd. (167–185, Gray's Inn Road, W.C.1), showed the "Shropshire orthopaedic horse," for operation in congenital dislocation of the hip, and other plaster tables of their manufacture. Other interesting apparatus at this stand was that designed and used by Dr. Lorenz Böhler for the treatment of fractures. Various other orthopaedic tables and portable traction apparatus were exhibited, indicating how ingenious have been the developments in orthopaedics of recent years. Artificial legs and arms in light metal, surgical belts, foot supports, and special crutches were shown as usual by W. R. Grossmith, Ltd. (12, Burleigh Street, W.C.2), many of them being admirable patterns, and capable of a good range of action. Beckett and Bird, Ltd. (8, Bentinck Street, W.1), also had an interesting display of abdominal supports, surgical corsets, and belts ; British Surgical Industries, Ltd., had splints, crutches, and similar equipment, and Mayer and Phelps a large assortment of orthopaedic surgery and fracture apparatus, together with hospital furniture in stainless steel. "Brighter hospital wards" appeared to be the slogan of Hoskins and Sewell, Ltd. (Bordesley). By a simple expedient of changing the finish of their bedsteads from a black or white to a blue enamel, they showed how much more pleasing a hospital ward can be made. Their Luxor bedstead was shown, with its seven different positions, also ward screens on wheels and various other devices for lessening the strain on the nurse and increasing the comfort of the patient. Whitfields Bedsteads, Ltd. (Bordesley), specialized on their Lawson Tait series of bedsteads and cots. Some of the mechanisms were extremely ingenious. The single wheeling bedstead was a new type—when the foot-end castor was required in action the handle could be turned, whatever the weight of the patient, with one hand by the nurse. J. Nesbit-Evans and Co. (Wednesbury) also had a large exhibit of adjustable and easy wheeling bedsteads, with back rests, and, for children's cots, automatically locking side rails. Many examples of hospital furniture in tasteful finishings were included in the exhibit of Arnold and Sons. Several stands were devoted solely to corsetry. The Charnaux Patent Corset Co., Ltd. (27, Ridinghouse Street, W.1), showed the corset belt of that name, the feature of which is its numerous perforations, providing ventilation and allowing activity of the abdominal muscles. H. E. Curtis and Son, Ltd. (7, Mandeville Place, W.1), showed a new appliance in the shape of an abdominal belt and corset in one, giving freedom of movement, and remaining firmly in position without the aid of suspenders or understraps. S. H. Camp and Co. (252, Regent Street, W.1) showed their series of Camp surgical supports, including supports for post-operative, post-natal, and other conditions, and for the purpose of correcting deformities. Leethems (Twilfit), Ltd. (1, Nicholl Square, E.C.1), also showed a number of surgical belts and corsets, especially corselettes, for the delicate child, giving the needful back support.

Electrical, X-ray, Light, and Heat Apparatus

The stand of Watson and Sons (Electro-Medical), Ltd. (43–47, Parker Street, W.C.2), was occupied wholly by diathermy apparatus. The first place was given to the chirotherm, a new type of apparatus designed specially for surgical diathermy. Here the ordinary tungsten spark-gap, which is noisy and requires frequent attention, is replaced by thermionic valves, which function noiselessly and without trouble. The one machine gives all the current wave forms required for cutting skin, fat, and muscle, and securing various degrees of coagulation. The sunic diathermy apparatus was also shown by this firm. A portable diathermy apparatus, suitable for all medical and surgical purposes, including the performance of major operations, was shown by Stanley Cox, Ltd. (39, Gerrard Street, W.1), at a stand where much excellent *x*-ray and electrical apparatus was exhibited, together with an infra-red generator and quartz mercury vapour lamps. Diathermy apparatus for surgical purposes was shown by the Genito-Urinary Manufacturing Co., Ltd. The Philips metalix *x*-ray unit, which was the novelty of the exhibition a few years ago, was again shown by Philips Lamps, Ltd. (145, Charing Cross Road, W.C.2). The unit is specially designed to meet the radiographic requirements of the general practitioner. A standard unit of the metalix type, in effect a larger model of the junior unit, but covering the whole field of radiographic requirement, had not previously been shown at the exhibition. A very fine exhibit of radiographs was shown by the Victor *X*-ray Corporation, Ltd. (15–19, Cavendish Place, W.1), the result of the work of their diagnostic *x*-ray unit. Other features here were a surgical diathermy unit and a portable electrocardiograph, the latter designed to avoid troublesome adjustments. Portable *X*-Rays Limited (Power Road, Chiswick), who claimed to be the pioneers in *x*-ray car service, showed by means of models how the apparatus was assembled, and how one small line carrying both electrical and signal wires was led from the car through any convenient window to the apparatus, the driver in the car supplying the current as and when required by the radiographer. The films are developed on the attendant car, and the finished negatives are ready within ten minutes. A stand specializing in apparatus for actinotherapy was that of the British Hanovia Quartz Lamp Company, Ltd. (Slough). The models included a new one of the Kromayer lamp, shown here for the first time, and incorporating a water-cooled quartz burner, stable in operation at almost any angle. Units were shown embodying two lamps, one for focal and the other for general irradiation. The accessories included an enlarged range of quartz applicators for use with Kromayer lamps in skin and orificial application. The titanium alloy arc was presented by Titanium and Rare Metals, Ltd. (209B, Great Portland Street, W.1), as an entirely new development in the field of ultra-violet therapy. It was claimed that with this electrode not only was an increase in the violet end of the spectrum forthcoming, and a greater intensity in the visible region, but also a remarkable increase in the infra-red, so that deeper conditions not amenable to ordinary ultra-violet radiation can be treated. A penetration of over 20 mm. was claimed for the titanium alloy arc. The electric heating pads and blankets provided by Thermega, Ltd. (51–53, Victoria Street, S.W.1), were designed for warmth and alleviation for those suffering from rheumatic complaints. An electro-radiant heat bath shown by this firm consisted of a special sunk couch, leaving an open space for the patient's head. Over the mattress was a special temperature blanket, and an overcage also was fitted with heating gear. The constant contact temperature of the bath was approximately 100° to 160° F., controlled by a switch at the side of the cage. Sparklets, Ltd., already noticed, had an apparatus for the production of carbon dioxide snow ; and Ozonair, Ltd. (St. Leonard Street, S.W.1), apparatus for the production of ozone, more especially a portable apparatus for medical and surgical use.

Books

The dozen bookstalls were attractive as usual. J. and A. Churchill (40, Gloucester Place, W.1) were to the fore with the *Medical Directory*, now almost touching its ninetieth

year, and with their "Recent Advances" series, running to about thirty volumes. Edward Arnold and Co. (41, Maddox Street, W.1) had an excellent selection of new and standard textbooks and books for the general practitioner and specialist. Oxford University Press (Warwick Square, E.C.4) showed a large selection of works from its own and the Clarendon Press, and from the presses of various American universities. H. K. Lewis and Co., Ltd. (Gower Street, W.C.1), in addition to new works and new editions, with a selection from the Cambridge University Press, had examples from their medical stationery and anatomical models departments. W. B. Saunders Co., Ltd. (9, Henrietta Street, W.C.2), had a stand of solid works, largely American, including the Mayo Clinic reports. Kegan Paul (68, Carter Lane, E.C.4) included on their stand the volumes of the Anglo-French medical library, each written by a French or English specialist; also a number of works on psychology and psycho-analysis. D. Appleton and Co. (34, Bedford Street, W.C.2) showed the first volumes of a new work, "The Practitioner's Library of Medicine and Surgery." Baillière, Tindall and Cox (7 and 8, Henrietta Street, W.C.2) exhibited a full range of recent medical books, including, in addition to their own publications, those of some sixteen other British and American publishing houses. A. Nelson and Co., Ltd., in addition to their pharmaceutical exhibition already noticed, had a number of books on homoeopathy. Finally, our contemporaries, *The Lancet* and *The Practitioner*, had distinctive stands with their latest numbers.

MISCELLANEOUS

Four spas advertised their claims—namely, Torquay, Leamington, Buxton, and Harrogate—and handbooks and photographs were to be found in profusion. Harrogate demonstrated its various bath treatments by means of a small cinematograph. St. Dunstan's Headquarters (Regent's Park) had an exhibit illustrating how their blind biophysical assistants are enabled to carry out their work as efficiently as those with sight. A Braille milliamperemeter enabled the blind assistant to read fractional electric currents by touch. A special measure designed by a blind operator for the use of St. Dunstan's masseurs was for the correct measurement and mixing of solutions for ionic medication. There were Braille textbooks on anatomy, physiology, and other subjects. What can be done to compensate for the parallel infirmity was shown at the stand of W. H. Pettifor (11, Victoria Street, S.W.1). Here were electrical aids for the deaf, the aids being of various pitches and possessing different wave-form characteristics; there was also a test instrument enabling a prescription to be written for the electrical aid appropriate to the individual case. Among the stands mainly devoted to the toilet was that which exhibited the famous coal-tar soap bearing the name of Wright, another with the dental creams and powders of Kolynos Incorporated, and a third with the antiseptic tooth paste which goes by the name of ipiana, distributed, along with other germicidal preparations, by Bristol-Myers Co., Ltd. (211–215, Blackfriars Road, S.E.1). Finally, the medical visitor was reminded of the question of insurance, and of the fact that there are organizations within the profession which exist to secure for him favourable treatment. The Medical Sickness, Annuity, and Life Assurance Society, Ltd. (300, High Holborn, W.C.1), pointed to the excellent cover afforded by its sickness and accident policies and its various forms of life assurance, including partnership assurance and educational policies for children. The Medical Insurance Agency (B.M.A. House, Tavistock Square, W.C.1) had its representatives to give help and advice to practitioners, no matter in what class of policy they might be interested. The Agency has saved those insured over £50,000 by way of rebates on premiums, and has also supported the charities of the profession to the extent of £30,000. At this stand a representative of Mann, Egerton and Co., Ltd., official engineers to the Agency, was in attendance to advise members with regard to their motor cars.

The above pretends to be no more than the most cursory sketch of a very full and interesting exhibition, wherein, as the President of the Association said in declaring it open, it was shown how vast an amount of energy and ingenuity goes to the provision of the articles and services of which the practitioner makes daily use.

Correspondence

WITNESSING OF SIGNATURES BY DOCTORS

SIR,—I was glad to see Dr. Crawshaw's letter in the *Supplement* of August 13th. There is a great tendency nowadays to exploit the doctor, though why we alone among the community should be expected always to give our services is not very clear. One might add to Dr. Crawshaw's list: filling in of passport papers, and answering letters from various employers—in some cases finding our names have been given without our being consulted! As regards dole papers, I have always refused to sign them, and some time ago put up a notice in my waiting room to that effect.—I am, etc.,

London, S.W.9, Aug. 16th. J. P. O'HEA.

Naval and Military Appointments

ROYAL NAVAL MEDICAL SERVICE

Surgeon Captains S. Bradbury to the *President* for Naval Medical School, Greenwich; S. F. Dudley, O.B.E., to the *Pembroke* for R.N. Hospital, Chatham.

Surgeon Commanders H. St. C. Colson to the *Victory* for R.N. Barracks, Portsmouth, as Naval Health Officer; G. H. Hayes to the *Cardiff* as Fleet Medical Officer; G. W. Woodhouse, A. W. Cocking, and K. H. Hole to the *President* for course; G. E. Heath to the *Cairo*; R. W. Ford to the *President* for Admiralty; J. H. B. Martin to the *Vivid*.

Surgeon Lieutenant Commander J. J. Cusack to the *Victory*.

Surgeon Lieutenants G. D. J. Ball to the *Victory* for R.N. Barracks, Portsmouth, August 19th, and to the *President* for course, October 1st; E. W. Graham to the *Vivid* for R.N. Barracks, Devonport; F. Bush to the *Fowey*; W. Greaves and A. M. Lawrence-Smith have transferred to the permanent list; A. H. Forsyth to the *Rodney*; H. J. McCann to the *Victory*.

W. A. Ryan has entered as Surgeon Lieutenant, and appointed to the *Victory* for course.

ROYAL NAVAL VOLUNTEER RESERVE

Surgeon Lieutenant Commanders J. B. Oldham to the *Victory* for R.N. Barracks; R. Wear to the *Victory* for R.N. Hospital, Haslar.

Surgeon Lieutenants J. E. L. Morris to the *Hood*; T. F. Tierney to the *Victory* for R.N. Barracks.

Surgeon Sublieutenant H. W. Holling to be Surgeon Lieutenant.

Probationary Surgeon Lieutenants A. P. Gorham and R. S. Rudland to the *Victory* for Haslar Hospital.

Probationary Surgeon Sublieutenants P. M. Coats to be Surgeon Sublieutenant; S. I. Ballard to the *Courageous*.

ROYAL ARMY MEDICAL CORPS

Lieut.-Col. H. E. Priestley, C.M.G., half-pay list, retires on retired pay on account of ill-health.

Major J. Hare, O.B.E., Regular Army Reserve of Officers, is re-employed under the provisions of Article 520 (*b*), Royal Warrant for Pay and Promotion, 1931.

Major J. La F. Lauder, D.S.O., M.C., is placed on the half-pay list on account of ill-health.

Captain R. J. Rosie from the seconded list is restored to the establishment.

The appointment of Lieutenant D. P. F. Mulvany is antedated to June 29th, 1930, but not to carry pay and allowances prior to December 29th, 1930.

The appointment of Lieutenant A. Macdonald is antedated to October 1st, 1930, but not to carry pay and allowances prior to August 1st, 1931.

The appointment of Lieutenant R. St. J. Lyburn is antedated to February 22nd, 1931, but not to carry pay and allowances prior to February 22nd, 1932.

The appointment of Lieutenant P. T. L. Day is antedated to March 25th, 1931, but not to carry pay and allowances prior to February 29th, 1932.

The following Lieutenants (on probation) are restored to the establishment: J. B. Macfarlane, A. P. Trimble.

The following Lieutenants (on probation) are confirmed in their rank: R. C. Langford, L. T. Furnivall, J. C. Barnetson, J. K. Chappell, E. W. Gibbs, P. J. Richards, R. D. MacRae, W. G. Kingston, R. St. J. Lyburn, P. T. L. Day, T. L. O'C. Ryan.

To be Lieutenants on probation: J. L. Martin, H. K. G. Nash, M. Fallon, H. B. Wright, Lieutenant A. D. Bourne from R.A.M.C., T.A., R. V. Wright, G. W. Crimmin, G. W. Kendrick.

Lieutenant (on probation) M. Fallon is seconded under the provisions of Article 213, Royal Warrant for Pay and Promotion, 1931.

TERRITORIAL ARMY

ROYAL ARMY MEDICAL CORPS

Major T. S. Goodwin retires and retains his rank, with permission to wear the prescribed uniform.

Lieutenants to be Captains: F. R. Curtis, C. C. Taffs, R. M. Macfarlane.

P. Weiner (late temporary Lieutenant, R.A.M.C.) to be Lieutenant, with seniority April 21st, 1930.

R. E. M. Fawcett (late Officer Cadet, University of London Contingent, Senior Division, O.T.C.) to be Lieutenant.

Supernumerary for Service with the O.T.C.—Lieutenant G. L. Montgomery to be Captain supernumerary for service with Medical Unit, Glasgow University Contingent, Senior Division, O.T.C.; F. L. Ker (late Officer Cadet, Staff Sergeant, Edinburgh University Contingent, Senior Division, O.T.C.) to be Lieutenant supernumerary for service with Medical Unit, Edinburgh University Contingent, Senior Division, O.T.C.

INDIAN MEDICAL SERVICE

The Honourable Major-General J. D. Graham, C.B., C.I.E., K.H.S., has resigned his office as Member of the Council of State.

Colonel H. M. Mackenzie, C.I.E., V.H.S., has retired from the Service.

Lieut.-Col. C. A. Gill, Director of Public Health, Punjab, is appointed to officiate as Inspector-General of Civil Hospitals, Burma, vice Colonel P. L. O'Neill, C.I.E., I.M.S., proceeding on leave.

Majors to be Lieutenant-Colonels: R. Sweet, D.S.O., J. R. D. Webb, O.B.E., F. Phelan, A. C. Macrae, N. C. Kapur.

Major W. P. Hogg, D.S.O., M.C., an Agency Surgeon, is posted as Agency Surgeon, Gilgit.

The services of Major G. R. McRobert are placed permanently at the disposal of the Government of Burma, with effect from November 10th, 1925.

Captains to be Majors: B. P. Baliga, R. K. Tandon, G. D. Malhoutra, A. H. Craig.

Captain W. F. Cooper, from R.A.M.C., to be Captain.

The following officers are confirmed in the rank of Captain: Captains (prov.) J. H. Boultbee, P. L. O'Neill, H. S. Smithwick, H. J. Curran.

Lieutenant E. A. Y. Mackeown to be Captain.

Lieutenant (on probation) G. R. M. Apsey to be Captain (Prov.) (on probation).

Lieutenants (on probation) V. Srinivasan and H. D. R. Zscherpel to be Captains (on probation).

VACANCIES

Birkenhead General Hospital.—C.O. (male).

Birmingham: Ear and Throat Hospital.—H.S. (non-resident).

Birmingham and Midland Skin Hospital.—Clinical Assistants in the O.P. Consulting Room.

Birmingham: Selly Oak Hospital.—(1) S. (2) C.O. (3) Radiographer. (4) Dark Room Assistant.

Bolingbroke Hospital, Wandsworth Common.—R.M.O. (male).

Bootle General Hospital.—(1) Two H.S. (2) C.O.

Cambridge: Addenbrooke's Hospital.—Three H.S.

Chelmsford and Essex Hospital.—R.M.O. (female).

Chester City and County.—Assistant M.O.H. and Assistant S.M.O.

Coventry and Warwickshire Hospital.—Two Resident H.S. (males).

East Ham Memorial Hospital.—(1) H.P. (2) H.S. to Special Departments and C.O.

Edinburgh: Royal Edinburgh Hospital for Sick Children.—Assistant S.

Essex County Hospital, Colchester.—Assistant H.S. (male).

Glasgow Royal Mental Hospital, Gartnavel.—R.A.P.

Glasgow: Royal Samaritan Hospital for Women.—Three resident medical appointments.

Gravesend and North Kent Hospital.—J.H.S. (male).

Guildford: Royal Surrey County Hospital.—H.S.

Hastings County Borough.—Deputy M.O.H. and Deputy S.M.O.

Hertfordshire County Council. — H.S. at County Institution, "Shrodells."

Hospital Convalescent Home, Swanley.—Lady R.M.O.

Hull Royal Infirmary.—H.S. (male) to Ophthalmic, and Ear, Nose, and Throat Departments.

Inverness: Royal Northern Infirmary.—H.P. (male).

Kent County Ophthalmic and Aural Hospital, Maidstone.—Ophthalmic H.S.

Lancashire County Council.—J.R.M.O. at Lake Hospital and Darnton House.

Leicester Royal Infirmary.—(1) H.P. (2) Two H.S.

Liverpool and Samaritan Hospital for Women.—H.S.

London Lock Hospital, 283, Harrow Road, W.—R.M.O.

Macclesfield General Infirmary.—Second H.S.

Manchester: Ancoats Hospital.—H.S. (Orthopaedic).

Manchester: Royal Manchester Children's Hospital.—A.M.O. for Out-patients' Department, non-resident.

National Hospital for Diseases of the Heart, Westmoreland Street, W.—(1) R.M.O. (male). (2) O.P.M.O. (male, non-resident).

National Temperance Hospital, Hampstead Road, N.W.—H.P. (male).

Newport, Mon.: Royal Gwent Hospital.—J.R.M.O.

Norfolk and Norwich Hospital.—Hon. Assistant S.

Northampton General Hospital.—(1) Three H.S. (2) H.S. to Ear, Nose, and Throat Department.

Nottingham: General Hospital.—H.P.

Prince of Wales's General Hospital, Tottenham, N.—(1) Senior H.P. (2) Two Senior H.S. (3) J.H.P. (4) Two J.H.S. Males.

Queen Charlotte's Maternity Hospital, Marylebone Road, N.W.—(1) A.R.M.O. (male). (2) District R.M.O.

Queen Mary's Hospital for the East End.—(1) Hon. A.S. in charge of Ear, Throat, and Nose Department. (2) Dental Anaesthetist.

Queen's Hospital for Children, Hackney Road, E.—(1) H.P. (2) C.O. (3) Dental S.

Richmond, Surrey: Royal Hospital.—(1) Hon. S. in charge of Ear, Nose, and Throat Department. (2) Senior and Junior H.S. Males.

Royal Free Hospital, Gray's Inn Road, W.C.—A.M.O. (woman) in V.D. Department (female).

Royal Liverpool Babies' Hospital, Woolton.—R.M.O.

Royal National Orthopaedic Hospital, Great Portland Street, W.—H.S. (male).

St. Bartholomew's Hospital, E.C.—Dental H.S.

St. Leonards-on-Sea: Buchanan Hospital.—Senior and Junior H.S. (females).

St. Peter's Hospital for Stone, etc., Henrietta Street, W.C.2.—H.S. (male).

Salisbury General Infirmary.—(1) H.S. (2) H.P. Males.

Scunthorpe and District War Memorial Hospital.—Resident S.

Seamen's Hospital Society.—(1) H.P. and H.S. at Dreadnought Hospital, Greenwich. (2) Two H.P. at Hospital for Tropical Diseases, Endsleigh Gardens, W.C. Males.

Sheffield: Jessop Hospital for Women (Firth Auxiliary).—R.M.O.

Stockton and Thornaby Hospital.—J.R.M.O. (male, unmarried).

Stourbridge: Corbett Hospital.—H.S.

Swansea and Merthyr Tydfil Joint Mental Hospital.—(1) Deputy Medical Superintendent. (2) A.M.O. (3) H.P. (4) Two Clinical Assistants.

West Ham County Borough.—J.A.M.O. (male) at Plaistow Fever Hospital.

West London Hospital, Hammersmith Road, W.—(1) H.P. (2) Three H.S. (3) Resident Anaesthetist.

Wigan: Royal Albert Edward Infirmary.—Two H.S. (males).

Wolverhampton and Midland Counties Eye Infirmary.—H.S.

Worthing Hospital.—H.S. (male).

Certifying Factory Surgeons.—The appointments at South Shields (Durham), Maesteg (Glamorgan) are vacant. Applications to the Chief Inspector of Factories, Home Office, Whitehall, S.W.1.

This list is compiled from our advertisement columns, where full particulars are given. To ensure notice in this column advertisements must be received not later than the first post on Tuesday morning. Further unclassified vacancies will be found in the advertising pages.

British Medical Association

OFFICES, BRITISH MEDICAL ASSOCIATION HOUSE
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Scottish Medical Secretary: 7, Drumsheugh Gardens, Edinburgh. (Telegrams: Associate, Edinburgh. Tel.: 24681 Edinburgh.)

Irish Medical Secretary: 18, Kildare Street, Dublin. (Telegrams: Bacillus, Dublin. Tel.: 62550 Dublin.)

Diary of Central Meetings

September

21 Wed. London: Arthritis Committee, 2.15 p.m.
22 Thurs. London: Insurance Acts Committee, 11.30 a.m.
27 Tues. London: Consultants Board, 3.30 p.m.

APPOINTMENTS

Robinson, Herbert J., M.D., Ch.B., B.A.O. (Trinity College, Dublin), Resident Assistant Physician at Montana Hall (The British Sanatorium), Montana, Switzerland.

Certifying Factory Surgeons.—Dr. E. Barnes, for the Horsmonden District, Kent; J. H. M. Lloyd, M.B., B.S.Lond., for the Towyn District, Merioneth.

POST-GRADUATE COURSES AND LECTURES

Fellowship of Medicine and Post-Graduate Medical Association, 1, Wimpole Street, W.—*Royal Albert Dock Hospital*: Sat. and Sun., September 3rd and 4th, Clinical Surgery (week-end), all day. Individual Clinics available daily, by special arrangement with the Fellowship of Medicine. (Open only to members of the Fellowship of Medicine.)

Liverpool University Clinical School Ante-Natal Clinics.—Royal Infirmary: *Mon.* and *Thurs.*, 10.30 a.m. Maternity Hospital: *Mon., Tues., Wed., Thurs.*, and *Fri.*, 11.30 a.m.

BIRTHS, MARRIAGES, AND DEATHS

The charge for inserting announcements of Births, Marriages, and Deaths is 9s., which sum should be forwarded with the notice not later than the first post on Tuesday morning, in order to ensure insertion in the current issue.

BIRTH

McKinna.—On August 13th, to Dr. and Mrs. McKinna, West Bridgford, Notts, a son.

DEATH

Ross.—At 30, Monkgate, York, on August 17th, 1932, Lucy Macbean Ross, M.B., Ch.B., D.P.H., fifth daughter of the late D. A. Macbean Ross, manager, Commercial Bank of Scotland, Lombard Street, London, and of the late Mrs. Ross, Tain and Glasgow.

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